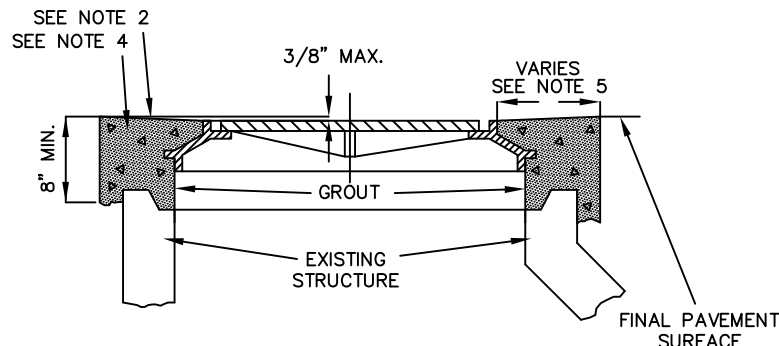


SANITARY SEWER MANHOLES
 SURVEY MONUMENT BOXES
 WATER VALVE BOXES
 PRESSURE REDUCE VALVE BOXES
 AIR VAC BOXES
 WASHOUT BOXES

STORM DRAIN MANHOLES
 OIL/WATER SEPARATOR MANHOLES
 WATER METER VAULT



SECTION A-A

GENERAL NOTES

1. ALL MATERIALS REFER TO SANDY CITY SPECIFICATIONS SECTION 02438 - STRUCTURES TO FINISH GRADE.
2. FINISH GRADE OF FRAME AND LID TO BE A MAXIMUM OF 1/8" BELOW NEW STREET PAVING SURFACE AND SHALL MATCH THE NEW TRANSVERSE SLOPE. THE 1/8" MAXIMUM ELEVATION DIFFERENCE SHALL BE DISTRIBUTED GRADUALLY WITHIN THE WIDTH OF THE CONCRETE COLLAR. IF MANHOLES AND VALVE BOXES ARE IN LANDSCAPE AREA, ADJUST THEM TO GRADE.
3. ANY PART OF THE COLLAR OR STRUCTURE HIGHER THAN THE SURROUNDING SURFACE COURSE AS MEASURED WITH A STRAIGHT EDGE SPANNING THE STRUCTURE WILL BE CAUSE FOR REJECTION REQUIRING COMPLETE REMOVAL AND REPLACEMENT.
4. ALL CONCRETE SHALL BE CLASS AA (AE). SANDY CITY STANDARD SPECIFICATIONS SECTION 03000. NO BAG MIX. BATCH PLANT ONLY.
5. CONSTRUCT CONCRETE COLLARS AS FOLLOWS:

STORM DRAIN MANHOLES	- SQUARE - 12" WIDTH (8" MIN THICK*)
OIL/WATER SEPARATOR MANHOLES	- SQUARE - 12" WIDTH (8" MIN THICK*)
WATER METER VAULT	- SQUARE - 12" WIDTH (8" MIN THICK*)
PRV, AIR VAC & WASHOUT BOXES	- ROUND - 12" WIDTH (8" MIN THICK*)
WATER VALVE BOXES	- ROUND - 12" WIDTH (12" MIN THICK)
SANITARY SEWER MANHOLES	- SQUARE - 12" WIDTH (8" MIN THICK*)
SURVEY MONUMENT BOXES	- ROUND - 8" WIDTH (8" MIN THICK*)
OTHER UTILITY MANHOLES OR VAULTS	- CONTACT CITY ENGINEER

 (* - OR AS APPROVED BY SANDY CITY INSPECTOR)
6. ETCH OR SCORE AN ARROW IN THE SURFACE OF THE CONCRETE COLLAR INDICATING THE DIRECTION OF FLOW FOR ALL STORM DRAIN PIPES IN MANHOLE.
7. STORM DRAIN LIDS SHALL SAY "SANDY CITY STORM DRAIN" ON IT. WATER LIDS SHALL SAY "WATER" ON IT. OIL/WATER SEPARATOR SHALL SAY "OIL/WATER SEPARATOR" ON IT.
8. UPON WRITTEN AUTHORIZATION FROM THE CITY ENGINEER, ASPHALTIC CONCRETE MAY BE SUBSTITUTED FOR CLASS AA(AE) CONCRETE ON STREETS WITH A RIGHT OF WAY WIDTH OF 68' OR LESS

ASPHALT COLLAR

1. ASPHALT COLLAR SHALL BE RECYCLED ASPHALT MIX PREPARED ON SITE IN PORTABLE ASPHALT BATCH PLANT.
2. RECYCLED ASPHALT MIX SHALL BE APPLIED AT A TEMPERATURE NOT LESS THAN 200° F. AND COMPACTED TO 98% OF MAXIMUM DENSITY (AT AIR TEMPS 50° F AND RAISING).
3. TACK COAT SHALL BE APPLIED TO ALL SURFACES PRIOR TO PLACING ASPHALT.

1	MG	UPDATE	5/2006
2	CC	UPDATE	1/2010
3	CC	UPDATE	12/2011
4	CC	UPDATE	4/2013



STANDARD DETAIL

SW-01

STRUCTURES TO FINISH GRADE

SCALE: NONE

NO.	AUTHORIZED BY	REVISIONS	DATE
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